| Sheet | 1 | of | 1 |
|--------|---|----|---|
| 311001 | 1 | Oi | 1 |

| O Sebstate Form PTO-1449 (Modified) | U.S. Department of Commerce Patent and Trademark Office | | Application No. 09/826,752 | |
|--|--|--------------------------------------|----------------------------|--|
| OCT 2 0 2003 nformati n Discl | | Applicant Leonard P. Guarente et al. | | |
| (Use several shee | | Filing Date April 5, 2001 | Group Art Unit 1631 | |

| U.S. Patent Documents | | | | | | | } | |
|-----------------------|--------------|--------------------|---------------------|-----------------|-------|----------|----------------------------|-----|
| Examiner Initial | Desig. ID | Document Number | Publication Date | Patentee | Class | Subclass | Filing Date If Appropriate | |
| RB | AA | 6,228,583 B1 | 05/08/2001 | Guarente et al. | | | | |
| 16/3 | AB | 6,218,512 B1 | 04/17/2001 | Guarente et al. | | | Da | |
| 2/5 | AC | 5,919,618 | 07/06/1999 | Guarente et al. | | | "IECE | , |
| RB | AD | 5,874,210 | 02/23/1999 | Guarente et al. | | | OCT | VED |
| 4 | ΑE | | | | | IEC, | J • 'A | _ |
| | AF | | | | | | CENTED | 3 |
| | AG | | | | | | CENTER 1600/2 | 00- |
| | AH | | | | | | ~ | 100 |
| | AI | | | | | | |] |
| | AJ | | | | | | |] |
| | AK | | | | | | | |

| | Foreign Patent Documents or Published Foreign Patent Applications | | | | | | | | |
|----------|---|----------|-------------|---------------|-------|----------|-------|-------------|--|
| Examiner | Desig. | Document | Publication | Country or | | | Trans | Translation | |
| Initial | ID | Number | Date | Patent Office | Class | Subclass | Yes | No | |
| | AL | | | | | | | <u> </u> | |
| | AM | | | | | | | | |
| | AN | | | | | | | | |
| | AO | | | | | | | | |
| | AP | | | | | | | | |

| Other Documents (include Author, Title, Date, and Place of Publication) | | | |
|---|--------------|----------|--|
| Examiner Initial | Desig. ID | Document | |
| | AQ | | |
| | AR | · | |
| | AS | | |
| | AT | | |

| Examiner Signature | Date Considered |
|--|--|
| Job Burn | 04 Knumber 2003 |
| EXAMINER: Initials citation considered. Draw line through citation if no | it in conformance and not considered. Include copy of this form with |
| next communication to applicant. | |
| · | Substitute Disclosure Form (PTO-1449) |